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Proposal for extension to Comal Kernel Standard

Section 72

1. DIV function paragraph

Line 2 should be amended to read :- ... and to return INT (x/y), the next lowest integer less than or equal to ...

(This does not change the semantics, but simply formalises the definition in terms of the INT function which is defined identically elsewhere.)

2. MOD function paragraph

Lines 1 and 2: delete the parenthetical statement, (y must be positive).

Following the MOD function paragraph, an additional paragraph should be inserted, as follows:-
The relationship between DIV and MOD is such that if $c = x \text{ DIV } y$, and $d = x \text{ MOD } y$, then $x = c * y + d$ for all x, y .